



US 20140328491A1

(19) **United States**(12) **Patent Application Publication**  
Slotte(10) **Pub. No.: US 2014/0328491 A1**(43) **Pub. Date: Nov. 6, 2014**(54) **METHOD AND APPARATUS FOR AUDIO  
PLAYBACK**(52) **U.S. Cl.**CPC ..... *H04R 1/1091* (2013.01)USPC ..... **381/74**(71) Applicant: **NOKIA CORPORATION**, Espoo (FI)(72) Inventor: **Thomas Benedict Slotte**, Turku (FI)

(57)

**ABSTRACT**(73) Assignee: **Nokia Corporation**, Espoo (FI)(21) Appl. No.: **13/875,397**(22) Filed: **May 2, 2013****Publication Classification**(51) **Int. Cl.***H04R 1/10*

(2006.01)

In accordance with an example embodiment of the present invention, an apparatus is disclosed. The apparatus includes at least one earpiece, at least one hands-free speaker, and a sound reproduction system. The sound reproduction system includes the at least one earpiece and the at least one hands-free speaker. The sound reproduction system is configured to provide a downlink audio signal to the at least one earpiece and a corresponding audio signal associated with the downlink audio signal to the at least one hands-free speaker.

